CITY OF KIRKLAND CAPITAL IMPROVEMENT PROGRAM 2019 TO 2024

PROJECT #	SDC0840000	
DEPARTMENT	Public Works	
DEPARTMENT CONTACT	Rod Steitzer	

PROJECT	MARKET STREET STORM MAIN REHABILITATION		
TITLE			
PROJECT	Market Street from Central Way to 12th Avenue	PROJECT START	PROJECT STATUS
LOCATION		2018	Modified Project

DESCRIPTION/JUSTIFICATION

Rehabilitate approximately 3,050 linear feet of failing 36-inch and 24-inch diameter concrete storm pipe (joint separated) within Market Street from Central Way to 12th Avenue. Rehabilitation will be accomplished via slipping the 1,200 feet of 36-inch diameter concrete pipe from Central Way to 6th Ave with 24-inch diameter pipe and the 1,850 feet of 24-inch diameter concrete pipe from 6th Ave to 12th Ave with 20-inch diameter pipe. The annular space between the pipe diameters will be grouted. The length of 36-inch diameter pipe includes six manholes that will be rehabilitated and nine laterals to be reconnected. The 24-inch diameter pipe also includes six manholes to be rehabilitated and nine laterals to be reconnected. The cost estimate was based on linear foot costs prepared by Buno Construction in 2009 and have been adjusted for 2018 costs. The project engineering/design and inspection cost estimate is lower as a percentage of construction costs than typical capital projects due to the performance specification aspect of sliplining projects.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Total project costs changed from \$885,000 to \$1,185,400 due to updated and escalated cost estimate.

POLICY BASIS	PRIOR YEAR(S)		METHOD OF FINANCING (%)		
Surface Water Master Plan	BUDGET TO ACTUALS		Current Revenue	100%	
			Reserve	0%	
COUNCIL GOALS	Budget	\$650,400	Grants	0%	
	Actual	\$68,432	Other Sources	0%	
Environment	Balance	\$581,968	Debt	0%	
Dependable Infrastructure		φσσ Ξ ,σσσ	Unfunded	0%	

CAPITAL COSTS	Prior Year(s)	2019	2020	2021	2022	2023	2024	2019-2024 TOTAL	Future Year(s)	Total Project
Planning/Design/ Engineering	119,000	98,000	0	0	0	0	0	98,000	0	217,000
In-House Professional Svcs.	48,400	39,000	0	0	0	0	0	39,000	0	87,400
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	483,000	398,000	0	0	0	0	0	398,000	0	881,000
Comp. Hardware/ Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	650,400	535,000	0	0	0	0	0	535,000	0	1,185,400
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	Minimal
Community economic impacts	None anticipated.
Health and safety, environmental, aesthetic, or social effects	Improvements to surface water quality will have a significantly positive environmental effect.
Responds to an urgent need or opportunity	This project provides the opportunity to show the public what environmental improvements we are doing with our own projects.
Feasibility, including public support and project readiness	During the design development, community involvement will be addressed. This project does not present significant engineering issues. Permitting and environmental issues will be addressed during design.
Conforms to legal or contractual obligations	Projects will be designed and constructed per professional and legal guidelines.
Responds to state and/or federal mandate	Supports City National Pollutant Discharge Elimination System (NPDES) Phase II permit compliance.
Benefits to other capital projects	N/A
Implications of deferring the project	Continued degradation of surface water.
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: <i>Market</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references? Attachments (Specify)
LEVEL OF SERVICE IMPACT	 ✓ Project provides no new capacity (repair, replacement or renovation). ☐ Project provides new capacity. Amount of new capacity provided: ☐ Project assists in meeting/maintaining adopted level of service. ☐ Project required to meet concurrency standards.